

# “Casualty to Patient”

DECONTAMINATION LINE  
SET-UP FOR HOSPITALS

## **Decontamination Definition**

The process of removing  
or neutralizing  
contaminants that have  
accumulated on personnel,  
property, and equipment

# *Louisiana National Guard*



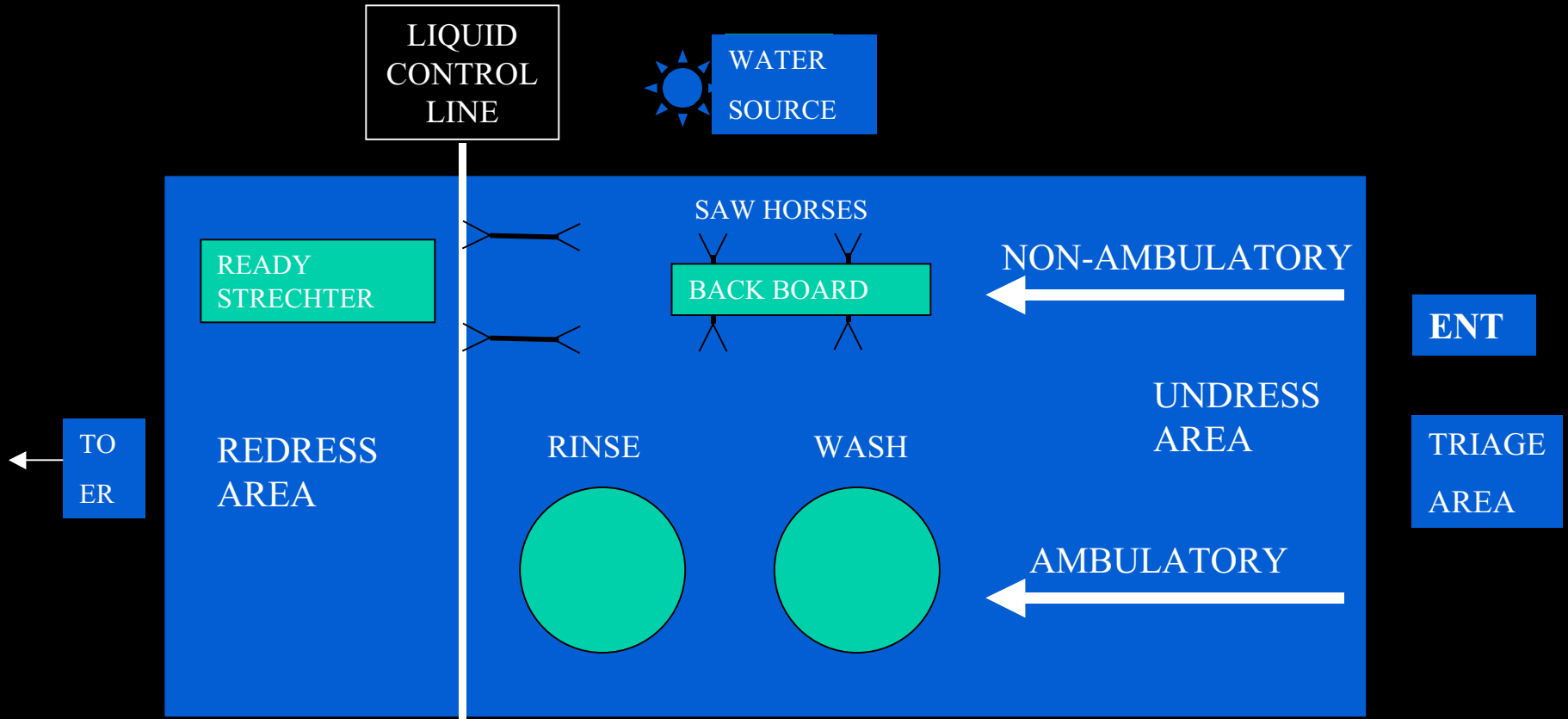
*“Dragon Slayers”*

## **Decontamination Priorities**

1. Protection of your facility
2. Treatment of patients

**PROTECT YOUR WORKERS!**

# Decontamination Line Layout



## **Equipment Categories**

- Personal Protective Equipment
- Decon Expendables
- Water Supply
- Containment
- Medical Supplies
- Power / Lighting / Cover
- Training

## **Personal Protective Equipment**

- Protective suits (Level B type)
- Full face masks
- Chemical overboots
- Butyl rubber gloves (7 mil)
- Nitrile under-gloves
- Tape for seams
- Filters for respiratory protection

## **Decon Expendables**

- Scrub brushes, sponges, and 5 gallon buckets
- Plastic sheeting cut to size with berm system
- Containment pools and flooring grids (to stand on)
- Saw horses or roller system (for non-ambulatory)
- Litters or backboards
- Sprayers (wash and rinse)
- Sump pump and waste holding tank
- Decontamination solutions
- Clear plastic trash bags, duct tape, marking cones
- Cutting tools (j-knives or penny cutters)
- Medical supplies
- Sheets or paper scrubs for clothing clean patients

## **Water Supply**

- Hoses from building with sprayers
- Fire hoses from hydrant with sprayers
- Standby fire truck
- 5-10 gallon garden sprayers
- Must have capability to mix in decon solutions

## **Runoff Containment**

- Plastic 55 gallon drums with pumping system
- Built in containment tank
- Bermed containment pool
- Power sources must be considered for wastewater pumping systems

## Medical Supplies

- Bandages
- Splints
- Acute care meds
- Drapes
  
- All dressings must be changed during decon and fresh dressings applied
- Keep med supplies located in the clean (cold) zone until called for

## **Power / Lighting / Cover**

- Power sources may be needed for:
  - Pumping wastewater
  - Powered sprayers
  - Lighting
- Lighting may be necessary for:
  - Decon dark hours
  - Wound inspection
- Cover may be needed for:
  - Hot climate
  - Privacy protection

## **Training Words of Wisdom**

- There is no replacement for training.
- A trained staff with no equipment is better than an untrained staff with unlimited equipment.
- There must always be redundancy of trained personnel.
- Hands on practice is the best training.

# *“Dragon Slayers”*



## Military Decon Equipment

### Treatment Meds

NOMENCLATURE/NSN	AMOUNT
Atropine Inj. 0.70L/6505-00-926-9083	500 ea
Pralidoxime Chloride/6505-01-125-3248	100 ea
Boric Acid 5%/6505-01-153-3012	36 tu
Sodium Nitrite/6505-01-206-6009	12 pg
Sodium Thiosulfate/6505-01-206-6010	12 pg
Diazepam/6505-01-274-0951	3 pg
Atropine Sulfate/6505-01-332-1281	1 pg
Infusion Set Size: 2/6515-00-089-2791	60 ea
Airway Pharyn LGE/6515-00-300-2900	6 ea
Airway Pharyn SM/6515-00-300-2910	6 ea
Syringe Hypo 10 ml/6515-00-754-0412	.6 pg
Needle Hypo 18 ga/6515-00-754-2834	1.2 bx
Suction Apparatus/6515-01-076-3577	4 ea
Resuscitator Hand/6515-01-338-6602	4 ea
Syringe Hypo 50 ml/6515-01-280-2320	1 pg
Chest No. 4/6545-00-914-3490	3 ea
Gloves Chem/8415-01-138-2502	2 pr
Gloves Chem/8415-01-138-2503	2 pr
Bag Chem Cas/8465-01-079-9875	12 ea

### Decon Kit Contents

NOMENCLATURE/NSN	AMOUNT
M291 SDK/4230-01-276-1905	2 bx
Bandage Scissors/6515-00-935-7138	6 ea
Syringe Hypo/6515-01-280-2320	.6 pg
Litter Support/6530-00-660-0034	4 pr
Chest No. 4/6545-00-914-3490	1 ea
Chest No. 6/6545-00-914-3510	1 ea
M9 Chem Agt Paper/6665-01-049-8982	1 ro
Calcium Hypo/6810-00-255-0471	48 bo
12 qt Pail/7240-00-773-0975	10 ea
Sponge Cellulose/7920-00-884-1115	6 ea
Bag Plastic/8105-00-191-3902	2 ro
Plastic Sheet/8135-00-618-1783	2 ro
Work Gloves MED/8415-00-268-8353	25 pr
Work Gloves SM/8415-00-258-8354	25 pr
Black Pencils/7510-00-240-1526	2 dz